

GROUP - B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Give the functions of
 - i) ADO Data controls
 - ii) Data Grid.
3. Write the difference between Option box and Message box.
4. Write about ODBC and ADODB.
5. State five properties of Text box object.
6. Write a module to reverse a given string.

GROUP - C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. a) What is event driven programming ? 3
- b) Given the following log in form :

Name

Registration No.

Write down the function to perform the following checking when you click on the submit button :

- i) The name must consists of at least two words (Name and Surname).
- ii) The Name and Registration No. fields are not blank. 4 + 4
- c) What is the purpose of menu editor ? How is menu editor accessed ? 2 + 2

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8. a) Write a Visual Basic code to check if a given number is prime or not. 5
- b) What is the difference between private functions and public functions ? 4
- c) Write short note on Random access file. 3
- d) Explain the difference between 'call by value' and 'call by reference'. 3
9. a) What is meant by scope of a variable ? 2
- b) How is a single dimensional array declared in VB ? What is dynamic array ? Explain with examples. 2 + 3 + 2
- c) Discuss the usage of the 'Preserve' keyword with examples. 2
- d) Explain the functions with examples :
- i) Instr
 - ii) Right\$
 - iii) Len
 - iv) Mid\$. 4
10. a) Discuss the advantages and disadvantages of sequential file handling. 4
- b) Write a program to store the information of 10 students in a file (name, roll, marks of 4 students). The program will display the name, total and average marks of 4 subjects, when a roll no. is supplied. 7
- c) Discuss about MID\$ () and SPACES\$ () with example. 4
11. Write short notes on any *three* of the following : 3 × 5
- a) Different types of second set
 - b) Param Array & Optional keyword
 - c) IDE
 - d) MDI and SDI
 - e) Difference between option button and check boxes.